


REVISIONS		
REV	DESCRIPTION	APVR/DATE
B	ADDED G641S BATTERY; UPDATED BOM AND DRAWING FRAME	2/13/04 CLB

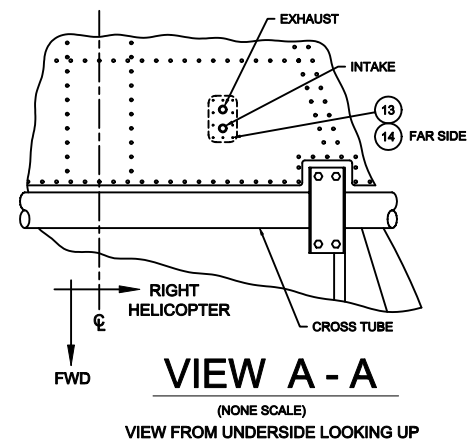
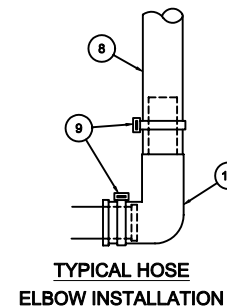
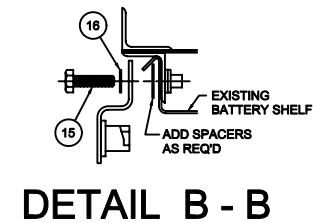
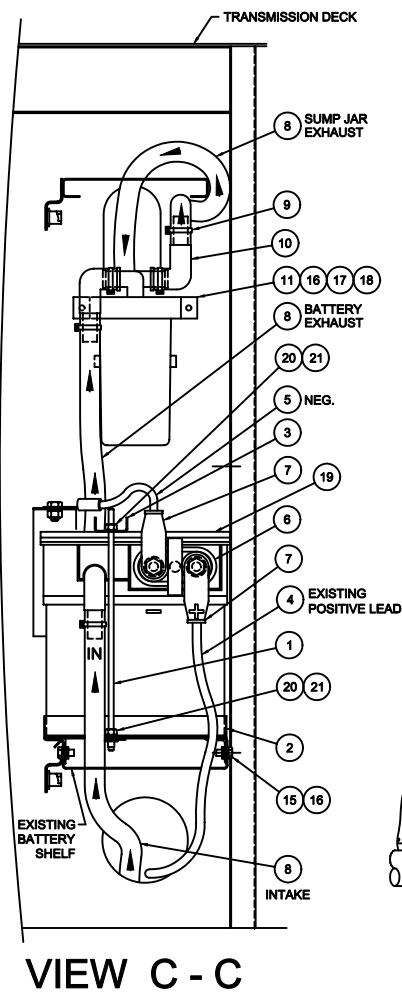
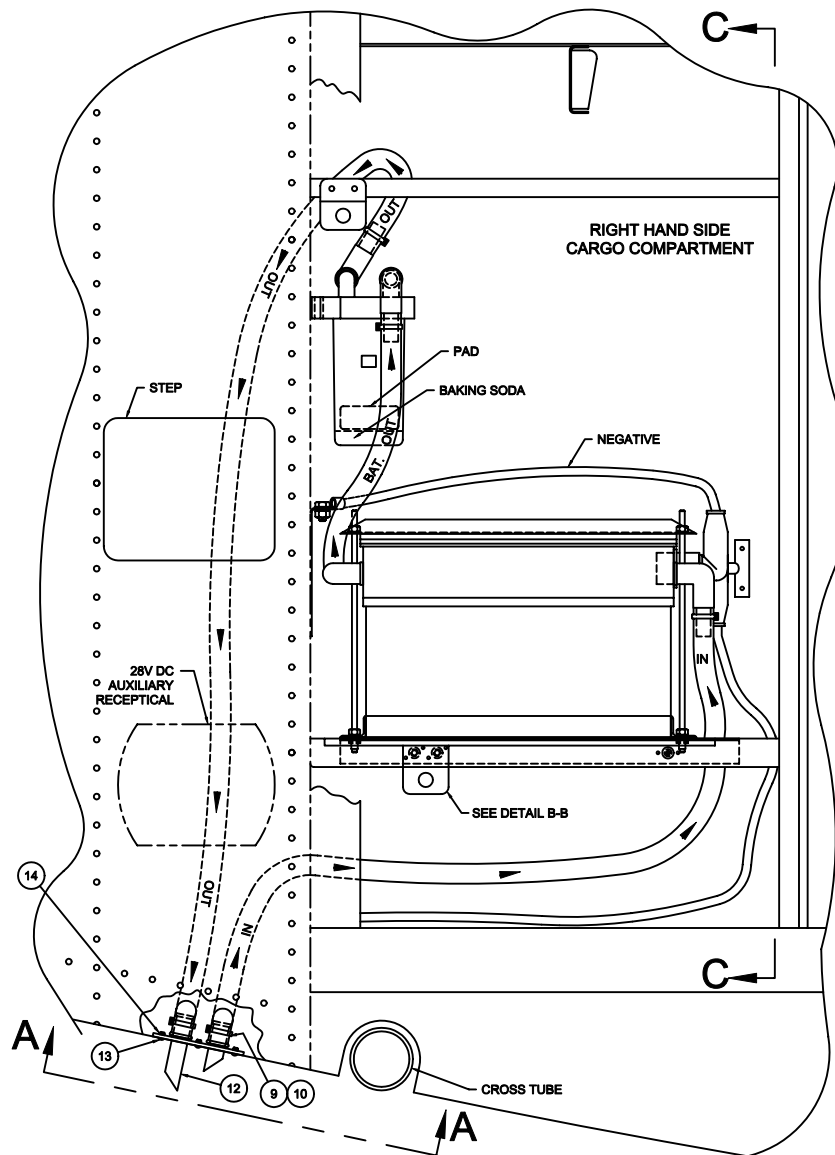
- CAUTION: WHEN INSTALLING OR REMOVING BATTERY, TAKE SPECIAL CARE THAT AN ELECTRICAL SPARK IS NOT CAUSED BY TOOLS, RINGS, WATCH BANDS, ETC., THAT WOULD SHORT THE BATTERY TO THE STRUCTURE. ALWAYS REMOVE THE GROUND CABLE FIRST AND REPLACE IT LAST. DO NOT LIFT AND BATTERIES BY VENT TUBES, VENT RECEPTACLE, OR TERMINALS.
- REMOVE NICAD BATTERY FROM SHELF. PLACE GENEVA BATTERY SHELF IN PLACE AS SHOWN ON PAGE 1. BACKDRILL HOLES IN ORIGINAL TRAY TO MATCH THOSE IN GENEVA TRAY. SHIM BETWEEN BRACKET AND ORIGINAL BATTERY SHELF AS ILLUSTRATED (SECTION B-B) AND FASTEN BRACKET AND GENEVA TRAY IN PLACE.
- PLACE LEAD ACID BATTERY IN TRAY WITH BATTERY CONNECTOR RECEPTACLE FACING FORWARD. INSTALL FIRMLY IN PLACE WITH HOLD DOWN BRACKET AND THREADED ROD.
- INSTALL BATTERY CONNECTOR INTO BATTERY.
- INSTALL SUMP JAR AS ILLUSTRATED. LOCATE TO AVOID INTERFERENCE WITH EXISTING FEATURES. SATURATE SUMP JAR PAD IN SOLUTION OF 5% SODIUM BICARBONATE (BAKING SODA). SERVICE JAR WITH 3/8" OF SODIUM BICARBONATE AND INSERT PAD. (DO NOT ADD MORE THAN RECOMMENDED QUANTITIES OF SODA.) HAND TIGHTEN JAR TO LID. VERIFY GASKET WITHIN LID IS SECURE.
- INSTALL AIRFRAME VENT AS SHOWN IN VIEW A-A. LOCATE TO AVOID INTERFERENCE WITH EXISTING FEATURES.
- ROUTE AND CONNECT VENT HOSES AS ILLUSTRATED. TERMINATE HOSES WITH VENT SYSTEM ELBOWS AND FASTEN WITH TY-RAPS AS SHOWN IN DETAIL 1.
- CONNECT POSITIVE LEAD WITH ELECTRIC TERMINAL BOOT IN PLACE. VERIFY POSITIVE LEAD ON POSITIVE TERMINAL.
- CONNECT NEGATIVE TERMINAL AS SHOWN WITH TERMINAL BOOT IN PLACE.


NOTE: FOR BATTERY G641S,  
STEPS 5, 6, & 7 ARE OPTIONAL

QTY	ITEM	PART NUMBER	MANUFACTURER	DESCRIPTION
2	1	G10032	GENEVA	THREADED ROD - BATTERY HOLD DOWN (8.5" LG.)
1	2	G10038	GENEVA	BATTERY TRAY ASSEMBLY
1	3	G10040	GENEVA	BRACKET - HOLD DOWN
1	4		Existing	Cable, Positive, Existing From NICAD Battery
1	5	G10041	GENEVA	BATTERY CABLE - 24" LG
1	6	BD13-1	ELCON	TERMINAL, BATTERY RECEPTACLE
2	7	MS25171-4S	AEROQUIP	TERMINAL BOOT
AR	8	1385	AEROQUIP	HOSE (150 psi) 8'.0" LG.
AR	9	TY25M / T50R	Bench stock	TY-RAP CABLE TIES
6	10	3621	Commercial	ELBOW, VENT SYSTEM
1	11	3600-04	Commercial	SUMP-JAR
1	12	3663	Commercial	AIRFRAME VENT
10	13	CR3213-4-4	Bench stock	RIVET, CHERRY
10	14	NAS1149FN632P	Bench stock	WASHER
6	15	AN3-4A	Bench stock	BOLT
12	16	NAS1149F0363P	Bench stock	WASHER
2	17	MS21044N3	Bench stock	NUT, SELF-LOCKING
2	18	AN525-10R12	Bench stock	SCREW
1	19	G641 OR G641S	Commercial	LEAD ACID BATTERY (Not Included In Kit)
4	20	NAS1149C0463R	Bench stock	WASHER
4	21	MS21044N4	Bench stock	NUT, SELF-LOCKING

BREAK SHARP EDGES  UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLES ±1/8" .X ±.050 ±2° .XX ±.030 .XXX ±.010	DESIGNED	CLB	DATE	2/13/04	 <b>Geneva Aviation</b> www.GenevaAviation.com
	DRAWN		DATE		
	CHECKED		DATE		
	APPROVED	GLH	DATE	2/13/04	
THIS DOCUMENT INCLUDES INFORMATION PROPRIETARY TO GENEVA AVIATION AND SHALL NOT BE USED OR DUPLICATED BY ANYONE WITHOUT THE WRITTEN PERMISSION OF GENEVA AVIATION, INC.					Title <b>LEAD-ACID BATTERY CONVERSION INSTALLATION</b>
Drawing Number <b>G10037</b>			REV <b>B</b>		
Pro No: <b>GA100</b>			SIZE <b>A</b>	Scale: <b>N/A</b>	Sheet <b>1</b> of <b>2</b>

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Drawing Number		G10037	REV B
Pro No: GA100		SIZE A	Scale: N/A Sheet 2 of 2